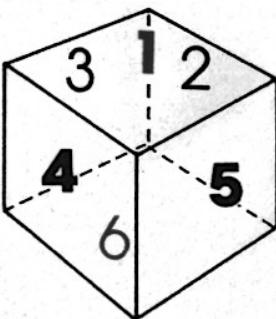
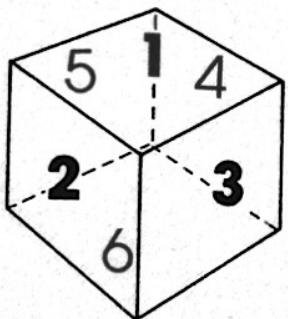


## Jack's solution

1. Hold your cube and look at the colors of the center cube on each face.



2. Write the first letter of the color that corresponds to each number on the cube shown in the box next to the number. If you are holding your cube so that red is on top, put R in the box next to 1.

1 =  2 =  3 =  4 =  5 =  6 =

3. Now write the letters that correspond to the numbers in the spaces provided in the table below.

Top Edges	Top Corners	Vertical Edges	Bottom Corners	Bottom Edges
FT 26	FLT 236	FL 23	BFL 123	BF 14
LT 63	FRT 256	FR 25	BFR 125	BL 43
PT 12	LPT 143	LP 13	BLP 364	BP 45
RT 51	PRT 456	PR 46	BPR 145	BR 65

Top Edges	Top Corners	Vertical Edges	Bottom Corners	Bottom Edges
FT	FLT	FL	BFL	BF
LT	FRT	FR	BFR	BL
PT	LPT	LP	BLP	BP
RT	PRT	PR	BPR	BR

For example, if 2 is green and 6 is red, write GR in the space next to FT under "Top Edges."

FT    G R

The colors of the center cubes are indicated in the illustration on page 62. Thus the center cube on the T face is color 1, and the center cube on the F face is color 2, and so on.

4. Now, using the colors, follow the solution from step 1 through step 5 on pages 31 to 53. Instead of putting the cube that matches the F and T faces into the FT position, put the colored cube you wrote in the table on page 62 into the FT position.

5. Do this for all 5 steps of the solution and Jack will appear before your eyes. It is particularly challenging to do steps 4 and 5 of the solution in this way. You may prefer to use the methods described in the Afterword to move some of these cubes around in specific ways.

If you can learn how to spell your name or state or some other short word, you will have your own unique puzzle to challenge your friends with.

## Answers

**SHOOTING STAR:** L2 R2 F2 P2

**CHECKERBOARD:** L2 R2 F2 P2 T2 B2

**BOXES (6):** (L- R+) (T+ B-) (F- P+) (L- R+)

**BOXES (4):** (L- R+) (T+ B-) (F- P+) (L- R+)

Turn the cube in your hand so that the F face becomes the L face; then do:

(L- R+) (T+ B-) (F- P+) (L- R+)

**2-H:** L2 R2 B2 L2 R2 T2

**4-H:** L2 R2 B2 L2 R2 T2

Turn so the F face becomes the L face; then do:

L2 R2 B2 L2 R2 T2

**6-H:** Get 4-H. Then turn so that the T face becomes the F face; then do:

L2 R2 B2 L2 R2 T2